AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated hereafter.

Claims:

1-37. (Canceled)

38. (Previously Presented) A method for processing data in a wireless communication network comprising:

receiving at a gateway for the wireless communication network at least one electronic message having at least one attachment associated therewith;

processing the at least one electronic message based on characteristics of the at least one electronic message including size and type of the at least one electronic message and based on characteristics of the at least one attachment including size and type of the at least one attachment, wherein a determination is made whether to remove a respective attachment from the at least one electronic message;

in response to a determination being made to remove one or more attachments from an electronic message, providing the electronic message with one or more indicia tags for the one or more attachments being removed from the electronic message, the one or more indicia tags being derived from the characteristics of the one or more attachments including identifying information for the gateway and size and type characteristics;

forwarding the electronic message to the recipient with the one or more indicia tags and without the one or more attachments;

displaying the size and type of the one or more attachments that were removed from the electronic message as indicated by the one or more indicia tags in the electronic message;

receiving instructions from the recipient for processing an attachment that was removed from the electronic message and replaced with an indicia tag at a subsystem connected to the gateway, the subsystem comprising a fax machine for faxing the attachment; a database for storing the attachment; and a text-to-speech device for speaking the contents of the attachment; and

processing the attachment at a plurality of the subsystems indicated by the user, wherein the gateway is configured to provide wireless communications services to interactive messaging clients and provide Internet e-mail services and user-selectable filtering and wherein the gateway is configured to provide a delivery confirmation for the message to a sender of the electronic message after the message has been delivered to the recipient over the wireless communication network.

39.   (Previously Presented)   The method of claim 38, wherein the gateway selectively denies transmission of attachments of electronic messages based unilaterally on message characteristics.

40.   (Previously Presented)   The method of claim 38, wherein the electronic message is forwarded in a push operation.

41. (Previously Presented)   The method of claim 38, further comprising:
storing the one or more attachments after removing the one or more attachments.

42.   (Previously Presented)   The method of claim 38, wherein the at least one electronic message is received through a connection to the Internet.

43.   (Previously Presented)   The method of claim 38, wherein the at least one electronic message is received from a wireless data network.

44.   (Previously Presented)   The method of claim 38, wherein the electronic message is forwarded through a wireless data network.

45.   (Previously Presented)   The method of claim 38, wherein the electronic message is forwarded through a wireless data network to a wireless application.

46. (Previously Presented)   The method of claim 45, wherein said wireless application is selected from the group consisting of a pager, a personal digital assistant,

a wireless telephone, a wireless computer, a digital camera, and a digital camera including a self-contained web-cam.

47. (Canceled)

48. (Currently Amended) A ~~tangible computer-readable storage medium~~ <u>memory device</u> containing instructions for controlling a computer system to perform a method in a wireless communication environment, said instructions, when executed by the computer system, cause the computer system to perform:

receiving at a gateway for a wireless communication network at least one electronic message having at least one attachment associated therewith;

processing the at least one electronic message based on characteristics of the at least one electronic message including size and type of the at least one electronic message and based on characteristics of the at least one attachment including size and type of the at least one attachment, wherein a determination is made whether to remove a respective attachment from the at least one electronic message;

in response to a determination being made to remove one or more attachments from an electronic message, providing the electronic message with one or more indicia tags for the one or more attachments being removed from the electronic message, the one or more indicia tags being derived from the characteristics of the one or more attachments including identifying information for the gateway and size and type characteristics;

forwarding the electronic message to the recipient with the one or more indicia tags and without the one or more attachments;

displaying the size and type of the one or more attachments that were removed from the electronic message as indicated by the one or more indicia tags in the electronic message;

receiving instructions from the recipient for processing an attachment that was removed from the electronic message and replaced with an indicia tag at a subsystem connected to the gateway, the subsystem comprising a fax machine for faxing the

attachment; a database for storing the attachment; and a text-to-speech device for speaking the contents of the attachment; and

processing the attachment at a plurality of the subsystems indicated by the user, wherein the gateway is configured to provide wireless communications services to interactive messaging clients and provide Internet e-mail services and user-selectable filtering and wherein the gateway is configured to provide a delivery confirmation for the message to a sender of the electronic message after the message has been delivered to the recipient over the wireless communication network.

49.   (Previously Presented) A system for processing data in a wireless communication network comprising:

a gateway for the wireless communication network configured to:

receive at least one electronic message having at least one attachment associated therewith;

process the at least one electronic message based on characteristics of the at least one electronic message including size and type of the at least one electronic message and based on characteristics of the at least one attachment including size and type of the at least one attachment, wherein a determination is made whether to remove a respective attachment from the at least one electronic message;

in response to a determination being made to remove one or more attachments from an electronic message, provide the electronic message with one or more indicia tags for the one or more attachments being removed from the electronic message, the one or more indicia tags being derived from the characteristics of the one or more attachments including identifying information for the gateway and size and type characteristics;

forward the electronic message to the recipient with the one or more indicia tags and without the one or more attachments;

display the size and type of the one or more attachments that were removed from the electronic message as indicated by the one or more indicia tags in the electronic message;

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receive instructions from the recipient for processing an attachment that was removed from the electronic message and replaced with an indicia tag at a subsystem connected to the gateway, the subsystem comprising a fax machine for faxing the attachment; a database for storing the attachment; and a text-to-speech device for speaking the contents of the attachment; and

process the attachment at a plurality of the subsystems indicated by the user, wherein the gateway is configured to provide wireless communications services to interactive messaging clients and provide Internet e-mail services and user-selectable filtering and wherein the gateway is configured to provide a delivery confirmation for the message to a sender of the electronic message after the message has been delivered to the recipient over the wireless communication network.

50. (Previously Presented) The system of claim 49, further comprising at least one mail router for receiving the electronic messages from the Internet.

51. (Previously Presented) The system of claim 50, wherein at least one of said mail routers is structured to handle traffic selected from the group consisting of inbound Internet traffic, outbound Internet traffic, and X-Sockets traffic.

52. (Previously Presented) The system of claim 49, further comprising at least one message store for storing the electronic messages.

53. (Previously Presented) The system of claim 49, further comprising at least one user database containing information for at least one user of the gateway.

54. (Previously Presented) The system of claim 53, wherein at least one of the user databases is structured to verify user access to the gateway.

55. (Previously Amended) The system of claim 53, wherein at least one of the user databases is structured to permit signatures to be associated with the messages.

56. (Previously Presented) The system of claim 53, wherein at least one of the user databases is structured to receive instructions for filtering the electronic messages.

57. (Previously Presented) The system of claim 56, further comprising at least one protocol handler for processing the electronic messages.

58. (Previously Presented) The system of claim 49, further comprising at least one N Router machine for receiving the electronic messages in the gateway when the source is a wireless data network and transmitting the electronic messages to a recipient when the source is the Internet.

59. (Previously Presented) The system of claim 57, wherein the gateway determines whether the recipient is active on the wireless communication network before delivering the electronic message to the recipient.